The Music of Cosmos

There have been 6 different releases of Cosmos, that I know of, so far. The first version was the original P.B.S. series, which had 13 episodes each of which was 60 minutes long. The second came about when it was sold to other broadcasters and the episode lengths had to be reduced to about 48 – 50 minutes, possibly to accommodate commercials. The third version was released in 1985 on video in which some of the original music was changed and additional footage added. The fourth version was a special edition of Cosmos to coincide with the passing of Halley's Comet in 1986. Specially commissioned music by Vangelis, known as "Comet", was used instead of some of the favourite originals including the theme music and updates on scientific facts. The fifth version was essentially the same as the third, with some additions due to the fact that the series was bought by the Turner group in 1989. The sixth version is the DVD edition which is virtually a culmination of all that came before it. Rights to much of the original music could not be obtained so alternatives were used. More footage has been added and a special edition soundtrack CD released. One of the advantages of the DVD is, for the lovers of its music, the addition of being able to listen to the soundtrack by itself, minus the talking, if you so desire. Some of the rarer pieces are obtainable from the DVD. Most people want to know what some of the newer pieces are, in particular, what I believe are, pieces by Vangelis created for Cosmos which has become known as "Comet" and dispersed throughout the episodes.

Below is a listing of the complete music used on the first original P.B.S. series of "Cosmos". I'd like to stress that this is not in relation to the DVD (at the moment), although it may act as a guide, as in some areas the sequences are very similar. I've tried to incorporate the music in its original order, or what I believe it to be as no-one else seems to recall the original sequence (which seems a shame). There are also pieces in the series, that I've included, which are not on the original cue sheets. From the moment I saw the very first episode in 1981 I was captivated, not only by the incredible stories and images, but as a composer and musician myself, by the amazing diversity of music used for the soundtrack. As soon as it was released on record I purchased it. I enjoyed hearing the music that had become so familiar to me, but it wasn't enough. I felt that it lacked some of the most definitive pieces. I was eager to find out what other music had been included, so I decided to go through the series and catalogue each piece no matter how small. Although I knew some of the pieces, there was great deal that was entirely unknown to me.

At that time, of course, there was no Internet to search. I couldn't go onto websites and listen to samples of music. I had to research many different books and guides, listen to countless radio programmes and

hundreds of recordings. Since 1981 I've made some exciting discoveries and turned up a lot of dead ends. By 1999 I'd compiled about 80% of all the music used in Cosmos. It was then I was able to get onto the Internet and with a little searching found that someone had uploaded the original cue sheets for the series. Finally, these cue sheets allowed me to confirm my finds and gave me the names of the remaining pieces. The only trouble remaining was that the order on the cue sheets was not the same as they appear in the series. Now I've compiled about 99% of all music used on the original series. There are only about half a dozen pieces I'm not sure about.

Most of the Recordings can be purchased from CD Universe or Amazon, but some of the more rare pieces may only be found at particular sites. GEMM is probably the best place to search for the hard to find recordings. If you are looking for the Cosmos series on video or DVD then go to Carl-Sagan.com. If you want the 1985/89 series and don't mind buying used videos or the rarer out of print recordings like "Murmurs of Earth", these can sometimes be obtained through online auction sites such as Ebay.

The episodes below are what I have compiled over the intervening years, giving the composer, song title and album info. There are some pieces I'm not sure about so they have been left blank. If anyone can assist or need my assistance please post a message on http://cosmic_voyager.tripod.com/CosmosMusicBlog or contact me at Cosmic Voyager. It will help not only myself but also many others who have a similar passion for this music. I'm constantly updating the list and will update the list when I can.

Enjoy!

Episode 1 - The Shores of the Cosmic Ocean

1. Vangelis - Heaven & Hell Part I No 3
2. Bartok - The Miraculous Mandarin No 8
3. Vangelis - Creation Du Monde
4. Shostakovich - Symphony No. 11 (1st Movt)
5. Vangelis - Heaven & Hell Part I No 3
6. Beethoven - Symphony No. 7 (1st Movt)
7. Le Orme - Notturno (From the album "Contrappunti")
8. Rimsky Korsakov - Tale of Tsar Sultan (2nd Movt)
9. Hovhaness - Symphony No. 4 (1st & 3rd Movt)
10. Hovhaness - Spirit of Ink (No 6)
11. Hovhaness - Symphony No 19
12. Rimsky Korsakov - Russian Easter Festival Overture
13. Livingston - Imagination performed by Bix Bieberbeck
14. Heldon - Perspective I
15. Vangelis - Heaven & Hell Part I No 3

Episode 2 - One Voice in the Cosmic Fugue

1. Vangelis - Heaven & Hell Part I No 3
2. Vangelis - Entende tu les chiens aboyer (1st Movt)
3. Trad. Japanese - Depicting Cranes in their Nest - Available on

Cosmos DVD
4. Unknown piece, Drum and Drone sound, mixed in with the previous piece. Available on Cosmos DVD
5. Trad. Japanese - Depicting Cranes in their Nest - Available on Cosmos DVD
6. Unknown piece, Drum and Drone sound, mixed in with the previous piece. Available on Cosmos DVD
7. Trad. Japanese - Depicting Cranes in their Nest - Available on Cosmos DVD
8. Telemann - Duo Sonata Op 2 No 4 in E minor (Affetuoso)
9. Pepusch - Trio Sonata in G 3rd Movt - Adagio
10. Heldon - Perspective I
11. Vangelis - Himilayas
12. Vangelis - Alpha
13. Fuhrs & Frohling - Every Land Tells A Story - From "Ammerland"
14. Vangelis - Entende tu les chiens aboyer (1st Movt)
15. Teddy Lasry - Nebula from "E=MC2"
16. Vangelis - Entende tu les chiens aboyer (1st Movt)
17. Bach - Partita No 3
18. Vivaldi - Spring (3rd Movt)
19. Vivaldi - Mandolin Concerto
20. J.L. Krebs - Suite (Sonata) in G (1762) - Polonaise
21. Vangelis - Himilayas
22. Pachelbel - Canon
23. Vangelis - Himilayas
24. Reich - Music for 18 Instruments
25. Pachelbel - Canon
26. Mahler - Symphony No 2 (5th & 4th Movt)
27. Rimsky Korsakov - Symphony No 2 Antar (1st Movt)
28. Mahler - Symphony No 2 (4th Movt)
29. Fuhrs & Frohling - Every Land Tells A Story - From "Ammerland"
30. Vangelis - Alpha
31. Vangelis - Entende tu les chiens aboyer (1st Movt)

Episode 3 - Harmony of the Worlds

1. Vangelis - Heaven & Hell Part I No 3
2. Janacek - Sinfonietta (1st & 2nd Movt)
3. Hair - Aquarius
4. Supersister - Dreaming Wheel While
5. Eno - M386 - From Music for Films
6. Numan - I Nearly Married a Human
7. Bryars - The Sinking of the Titanic
8. Scriabin - Poem of Ecstasy
9. Tomita - The Unanswered Question
10. Orff - Carmina Burana
11. Tomita - The Sea Named Solaris
12. Trad. Navajo - Night Chant - From "Murmurs of Earth"
13. Tomita - The Sea Named Solaris
14. Synergy - Icarus

15. Holst - Neptune
16. Shostakovich - Symphony No. 11 (1st Movt)
17. Shostakovich - Symphony No. 11 (1st Movt)
18. Crumb - Black Angels
19. Shostakovich - Symphony No. 5 (3rd Movt)
20. Janacek - Sinfonietta (3rd Movt)
21. Croft - Trumpet Tune
22. Crumb - Black Angels
23. Shostakovich - Symphony No. 5 (3rd Movt)
24. Shostakovich - Symphony No. 11 (1st Movt)
25. Nielsen - Symphony No 5 (1st Movt)
26. Shostakovich - Symphony No. 11 (1st Movt)
27. Wagner - Lohengrin - Prelude Act I
28. Synergy - Icarus
29. Lully - March Of The King's Musketeers & March Of The Grey Musketeers
30. Vangelis - Heaven & Hell Part II No 5
31. Terry Riley - Persian Surgery Dervishes
32. Froese - Drunken Mozart in the Desert
33. Purcell - Funeral Music for Queen Mary
34. Vangelis - Heaven & Hell Part I No 3
35. Crumb - Black Angels
36. Shostakovich - Symphony No. 11 (1st Movt)
37. Vangelis - Heaven & Hell Part I No 3

Episode 4 - Heaven and Hell

1. Brahms - Violin Concerto (2nd Movt)
2. Trad - Georgian Chorus from "Murmurs of Earth"
3. Hovhaness - Symphony No 19
4. Bryars - The Sinking Of The Titanic
5. Stravinsky - The Rite of Spring (Part II & I)
6. Bryars - The Sinking Of The Titanic
7. Stravinsky - The Rite of Spring (Part II & I)
8. Orff - Carmina Burana
9. Froese - Dali-esque Sleep Fuse
10. Bryars - The Sinking Of The Titanic
11. Heldon - Perspective I
12. Qui Hanc - Gregorian Chant - Oratio: Deus
12. Hovhaness - Symphony No. 4 (2nd Movt)
13. Vangelis - Entende tu les chiens aboyer (2nd Movt)
14. Gerhard - The Plague (Decca/Head Records, London)
15. Vangelis - Entende tu les chiens aboyer (2nd Movt)
16. Hovhaness - Symphony No. 4 (2nd Movt)
17. Nielsen - Symphony No 5 (1st Movt)
18. Hovhaness - Symphony No. 4 (1st Movt)
19. Gerhard - The Plague (Decca/Head Records, London)
20. Nielsen - Symphony No 5 (1st Movt)
21. Eno - Music For Airports No 4
22. Vincenzo Galilei - Amor e Gratioso (Fantasia)

23. Holst - Venus
24. Vangelis - Himilayas
25. Brahms - Violin Concerto (2nd Movt)
26. Stravinsky - The Rite of Spring (Part II & I)
27. Bryars - The Sinking Of The Titanic
28. Liszt - Tortentanz
29. Vangelis - Entende tu les chiens aboyer (2nd Movt)
30. Vangelis - Himilayas

Not sure where the following is supposed to be

31. Philip Bliss - Hold The Fort from "Yankee Transcendoodle"

Episode 5 - Blues for a Red Planet

1. Vangelis - Heaven & Hell Part I No 3
2. Buchanan - Fly Night Bird
3. Holst - Mars
4. Mahler - Symphony No 1 (3rd Movt)
5. Holst - Mars
6. Strauss - Blue Danube (for Marching Band)
7. Holst - Mars
8. Holst - Neptune
9. Holst - Mars
10. Wagner - Siegfried's Funeral March
11. Khatchaturian - Act I, No. 3 from Spartacus
12. Samuel Ward - America The Beautiful from "Yankee Transcendoodle"
13. Vivaldi - Concerto for Piccolo
14. Rodgers - Theme of the Fast Carriers
15. Vivaldi - Concerto for Piccolo
16. Reich - Music for 18 Instruments
17. Vangelis - Entende tu les chiens aboyer
18. Tomita - Mars
19. Holst - Mars
20. Vaughan Williams - Symphony No 7 (2nd Movt)
21. Stravinsky - Firebird - Finale
22. Reich - Music for 18 Instruments
23. Heldon - Perspective II
24. Froese - Tropic of Capricorn
25. Froese - Epsilon In Malaysian Pale
26. Hovhaness - Symphony No 19
27. Unknown progressive jazz piece
28. Hovhaness - Symphony No 19
29. Hovhaness - Symphony No. 4 (1st Movt)
30. Vaughan Williams - Symphony No 7 (2nd Movt)
31. Vaughan Williams - Symphony No 7 (3rd Movt)
32. Buchanan - The Opening ... Miles from Earth
33. Buchanan - Fly Night Bird

Episode 6 - Travelers Tales

1. Vangelis - Heaven & Hell Part I No 3

2. Heldon - Perspective I
3. Vangelis - Heaven & Hell Part I No 2
4. Heldon - Perspective I
5. Rimsky-Korsakov - Tale of Tsar Sultan (2nd Movt)
6. Hovhaness - Symphony No 19
7. Weber - Hungarian Rondo
8. Rimsky-Korsakov - Russian Easter Festival Overture
9. Jacob Van Eyck - Doen Daphne d'over schoone Maeght
10. Unknown piece for Harpsichord
11. Heldon - Perspective I
12. Vangelis - Heaven & Hell Part II No 5
13. Reich - Music for 18 Instruments
14. Unknown piece for Harpsichord
15. Vangelis - Heaven & Hell Part II No 5
16. Rimsky-Korsakov - Tale of Tsar Sultan (2nd Movt)
17. Shostakovich - Symphony No. 11 (1st Movt)
18
19. Vangelis - Heaven & Hell Part I No 3
20. Weber - Hungarian Rondo
21. Fasch - Concerto In D For Trumpet & 2 Oboes
22. Trad Chinese - Flowing Streams
23. Hovhaness - Symphony No 19
24. Heldon - Perspective I
25. Vangelis - Heaven & Hell Part I No 3
26. Hovhaness - Symphony No 19
27. Shostakovich - Symphony No. 11 (1st Movt)
28. Vangelis - Heaven & Hell Part I No 3

Not sure where the following are supposed to be

29. Vincenzo Galilei - Fantasia/Contrapunto II from "Amor e Gratioso"
30. Javanese Court Gamelan - Kinds Of Flowers from "Murmurs of Earth"
31. Weber - Bassoon Concerto
32. Trad - Georgian Chorus from "Murmurs of Earth"
33. Peruvian - Panpipes And Drum from "Murmurs of Earth"

Episode 7 - The Backbone of Night

1. Vangelis - Heaven & Hell Part I No 3
2. Vangelis - Creation Du Monde
3. Louis Armstrong & his Hot 7 - Melancholy Blues
4. Shostakovich - Symphony No. 11 (1st Movt)
5. Vangelis - Creation Du Monde
6. Hovhaness - Floating World (Kostelanetz, Columbia)
7. Melanesian - Pan Pipes from Cosmos DVD
8. Vangelis - Creation Du Monde
9. Hovhaness - Floating World (Kostelanetz, Columbia)
10. Panufnik - Sinfonia Sacra
11. Jan Garbarek - Viddene & Dis
12. Christodoulous Halaris - My Mountain
13. Panufnik - Sinfonia Sacra

14. Bach - Air on G (Flute)
15. Jan Garbarek - Dis
16. Greek Café Musik
17. Unknown Drums & Brass
17. Satie - Gymnopedie No 3
18. Eno - Events in Dense Fog
19. Panufnik - Sinfonia Sacra
19. Penderecki - De Natura Sonoris No 2
20. Eno - Events in Dense Fog
20. Greek Café Musik
21. Crumb - Black Angels
22. Satie - Gymnopedie No 1
23. Panufnik - Sinfonia Sacra
23. Unknown
24. Bach - Air on G (Flute)
25. Satie - Gymnopedie No 2
26. Vangelis - Heaven & Hell Part I No 3

Episode 8 - Travels in Space and Time

1. Vangelis - Heaven & Hell Part I No 3
2. John Allison - Orion (from Cosmos DVD)
3. Trad. - Bulgarian Shepherdess Song
4. Vangelis - Pulstar
5. Vangelis - Summit
6. John Allison - Orion (from Cosmos DVD)
7. Heldon - Perspective I
8. Vivaldi - Spring (1st Movt)
9. Vivaldi - Spring (2nd Movt)
10. Vivaldi - Winter (2nd Movt)
11. Vivaldi - Winter (1st Movt)
12. Crack of the Whip - Sonic Boom
13a. Vivaldi - Spring (3rd Movt)
13b. Le Orme - Sera
14. Vivaldi - Mandolin Concerto (2nd Movt)
15a. Vivaldi - Concerto for 2 Mandolins (1st Movt)
15b. Vivaldi - Mandolin Concerto (2nd Movt)
16. Vincenzo Galilei - Contrapunto
17. Shostakovich - Symphony No. 11 (1st Movt)
18. Boccherini - Night Music Of Madrid (Quinteto)
19. Haydn - String Quartet In E, Hob III:8
20. Unknown - Drone sound. Available on Cosmos DVD
21. Halaris - My Mountain from "Tropic Of Virgin"
22. Halaris - My Mountain from "Tropic Of Virgin"
23. Vangelis - Pulstar
24. Vangelis - Himilayas
25. Vangelis - Pulstar
26. Vangelis - Main Sequence
27. Vangelis - Alpha
28. Vangelis - Heaven & Hell Part I No 3

Episode 9 - The Lives of the Stars

1. Vaughan Williams - Job
2. M. Haydn - Trumpet Concerto In D
3. Telemann - Duo Sonata Op 2 No 4 in E minor (Affetuoso)
3. Vangelis - Alpha
4. Haydn - Trumpet Concerto In E Flat
5. Vangelis - Alpha
6. M. Haydn - Trumpet Concerto In D
7. Reich - Music for 18 Instruments
8. Terry Riley - Persian Surgery Dervishes (Part 1)
9. Heldon - Perspective I
10. Vangelis - Alpha
11. Jarre - Equinoxe No 1
12. Paul Horn - Paul Horn In India
13. Synergy - Legacy
14. Vangelis - Alpha
15. Vaughan Williams - Job
16. Froese - Maroubra Bay from Epsilon in Malaysia Pale
17. Henri Pousseur - New Electronic Music For Leaders Of Avant-Garde

18a. Takemitsu - Inside the Heart of the Universe
18b. Henri Pousseur - New Electronic Music For Leaders Of Avant-Garde
19. Synergy - Delta 4
20. Stravinsky - The Rite of Spring (Part 1)
21. Vangelis - Spiral
22. Pink Floyd - One of these days
23. Pulsar - Misty Garden of Passion
24. Trad Sioux - A Cry From The Earth
25. Synergy - Delta 2 & 4
26. Jarre - Equinoxe No 1
27. Britten - Variations on a Theme of Frank Bridge
28. Schulze - Bayreuth Return
29. Jarre - Equinoxe No 3
30. Jarre - Equinoxe No 4
31. Synergy - Legacy
32. Vangelis - Heaven & Hell Part I No 3

Episode 10 - The Edge of Forever

1. Vangelis - Heaven & Hell Part I No 3
2. Crumb - Black Angels
3. Vangelis - Summit
4.Vangelis - Creation Du Monde
5. Blind Willie Johnson - Dark was the Night
6. Hoagy Carmichael - Stardust performed by Django Reinhardt
7. Jack Teagarden - Sweetest Melody
8. Livingston - Imagination performed by Bix Bieberbeck
9. Hoagy Carmichael - Stardust performed by Django Reinhardt

10. Walton - Popular Song
11. Stravinsky - Petroushka
12. Froese - Metropolis
13. Jarre - Equinoxe No 4
14. Vangelis - Creation Du Monde
15. Paul Horn - Raga Desh
16. Trad. Indian - Ragam-Tanam-Pallavi
17. Trad Indian - Emi Jesite Classical Indian Music
18. Paul Horn - Raga Vibhas
19. Paul Horn - Raga Bihag
20. Vangelis - Heaven & Hell Part I No 3
21. Schoenberg - Transfigured Night
22. Vangelis - Heaven & Hell Part I No 3

Episode 11 - The Persistence of Memory

1. Vangelis - Heaven & Hell Part I No 3
2. Bach - Partita No 3
3. Froese - Maroubra Bay
4a. Karlheinz Stockhausen - Hymnen, Region II
4b. Northern Whales - Arctic beluga whales
4c. Takemitsu - Inside the Heart of the Universe
5. Tomita - Space Fantasy
6. Trad Japanese - Chisana Haru
7. Tangerine Dream - Rubycon Part I
8. Crumb - Voice Of The Whale
9. Whales - Songs of the Humpback Whale
10. Tomita - Space Fantasy
11. Liszt - Tortentanz
12. Whales - Songs of the Humpback Whale
13. Crumb - Voice Of The Whale
14. Rimsky-Korsakov - Tale of Tsar Sultan (2nd Movt)
15. Vangelis - Himilayas
16. Pachelbel - Canon (Brass)
17. Vangelis - Himilayas
18. Hovhaness - Symphony No. 4 (1st Movt)
19. Vangelis - Beaubourg
20. Pachelbel - Canon
21. Unknown
22. Reich - Music for 18 Instruments
23. Vangelis - Himilayas
24. Reich - Music for 18 Instruments
25. Pachelbel - Canon
26. Vangelis - Himilayas
27. Vangelis - Beaubourg
28. Vangelis - Himilayas
29. Russo - 3 Pieces for Blues Band & Orchestra (1st Movt) (Ozawa/San Francisco SO)
30. Joplin - The Entertainer
31. Hovhaness - Symphony No. 4 (1st Movt)

32. Beethoven - Quartet No. 13 (Cavatina) from "Murmurs of Earth"
33. Panufnik - Sinfonia Sacra
34. Javanese Court Gamelan - Kinds of Flowers from "Murmurs of Earth"
35. Trad Chinese - Flowing Streams from "Murmurs of Earth"
36. Beethoven - Quartet No. 13 (Cavatina) from "Murmurs of Earth"
37. Bach - Prelude (Book 1 No 1) from "Murmurs of Earth"
38. Russo - 3 Pieces for Blues Band & Orchestra (2nd Movt) (Ozawa/San Francisco SO)
39. Heldon - Perspective I
40. Rimsky-Korsakov - Tale of Tsar Sultan (2nd Movt)
41. Bach - Partita No 3
42. Trad. - Bulgarian Shepherdess Song

Not sure where the following is supposed to be

43. Hovhaness - Spirit of Ink

Episode 12 - Encyclopaedia Galactica

1. Vangelis - Heaven & Hell Part I No 3
2. Vangelis - Heaven & Hell Part II No 1
3. Bartok - Music for Strings, Percussion & Celesta
4. Eno - M386
5. Vangelis - Heaven & Hell Part II No 1
6. Weber - Bassoon Concerto
7. Wagner - Das Rheingold
8. Vangelis - Beaubourg
9. Hovhaness - Symphony No 19
10. Wagner - Das Rheingold
11. Hovhaness - Symphony No 19
12. Lalo - Overture To "Le Roi D'ys"
13. Shostakovich - Symphony No. 11 (3rd Movt)
14. Shostakovich - Symphony No. 5 (3rd Movt)
15. Vangelis - Creation Du Monde
16. Wagner - Das Rheingold
17. Vangelis - Beaubourg
18. Vangelis - Alpha
19. Vangelis - Beaubourg
20. Heldon - Perspective I
21. Shostakovich - Symphony No. 11 (1st Movt)
22. Vangelis - Beaubourg
23. Vangelis - Entende tu les chiens aboyer (1st Movt)
24. Unknown
25. Buchanan - The Opening ... Miles from Earth
26. Vangelis - Heaven & Hell Part I No 3

Not sure where the following are supposed to be

27. Husa - Music For Prague, 1968
28. Messiaen - Et Exspecto Resurrection Mortuorum
29. Rachmaninoff - Piano Concerto No. 2
30. Stockhausen – Hymnen

Episode 13 - Who Speaks for Earth

1. Vangelis - Heaven & Hell Part I No 3
2. Vangelis - Beaubourg
3. Hovhaness - Symphony No 19
4. Unknown
5. Hovhaness - Symphony No 19
6. Tomita - The Engulfed Cathedral
7. Miles Davis - Saeta
8. Alberto Ginastera - Cantata Para America Magica (L.A. Percussion Ensemble)
9. Vangelis - Entende tu les chiens aboyer (1st Movt)
10. Beethoven - Symphony No. 7 (1st Movt)
11. Heldon - Perspective I
12. Shostakovich - Symphony No. 5 (3rd Movt)
13. Heldon - Perspective I
14. Albinoni - Adagio for Organ & Strings
15. Vangelis - Heaven & Hell Part II No 4
16. Hovhaness - Symphony No. 4 (1st & 3rd Movt)
17. Hovhaness - Symphony No 19
18. Albinoni - Adagio for Organ & Strings
19. Vangelis - Alpha
20. Tomita - The Sea Named Solaris
21. Beethoven - Symphony No. 7 (1st Movt)
22. Heldon - Perspective I
23. Trad Japanese - Depicting Cranes in their Nest
24. Beethoven - Symphony No. 7 (3rd Movt)
25. Tomita - The Sea Named Solaris
26. Beethoven - Symphony No. 7 (4th Movt)
27. Vangelis - Heaven & Hell Part I No 3

Not sure where the following are supposed to be

28. Philip Bliss - Hold The Fort
29. Trad. Indian - Classical Indian Music